

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 7117
Name: Colorado Interstate Gas Company
Address: P. O. Box 1087
City/State/Zip: Colorado Springs, CO 80944
Purchaser: N/A
Operator Contact Person: Anthony P. Trinko
Phone: (719) 520-4557
Contractor Name: Key Energy Services, Inc.
License: 32393
Wellsite Geologist: N/A
Designate Type of Completion:
☐ New Well ☐ Re-Entry ☒ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☒ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: Colorado Interstate Gas Company
Well Name: Boehm #17
Original Comp. Date: 10/24/74 Original Total Depth: 5,005' GL
☐ Deepening ☒ Re-perf. ☐ Conv. to Enhr./SWD
☒ Plug Back 4,785' GL Plug Back Total Depth
☐ Commingled Docket No. _____
☐ Dual Completion Docket No. _____
☐ Other (SWD or Enhr.?) Docket No. _____
8/16/02 8/28/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-129-20146
County: Morton
NE-NE-SE-NE Sec. 15 Twp. 33 S. R. 42 ☐ East ☒ West
1,420 feet from S (N) (circle one) Line of Section
132 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Boehm Well #: #17
Field Name: Boehm Storage Field
Producing Formation: Gas Storage Reservoir: "G" Sand
Elevation: Ground: 3,479' GL Kelly Bushing: _____
Total Depth: 5,005' GL Plug Back Total Depth: 4,785' GL
Amount of Surface Pipe Set and Cemented at 1,376' GL Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan *Workover Ell 9-10-02*
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Anthony P. Trinko

Title: SR ENGINEER Date: 9/10/02

Subscribed and sworn to before me this 10th day of September

Notary Public: Elizabeth H. Reiser

Date Commission Expires: February 16, 2005

KCC Office Use ONLY

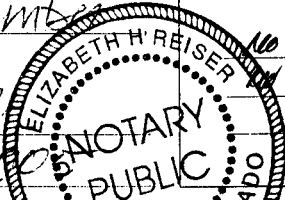
☒ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution



Operator Name: Colorado Interstate Gas Company Lease Name: Boehm Well #: #17Sec. 15 Twp. 33 S. R. 42 East ☒ West County: Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☐ No

(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken Yes No

Electric Log Run Yes No

(Submit Copy)

List All E. Logs Run:

Log Name	Formation (Top), Depth and Datum	Sample Top Datum
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CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	17" / 12-1/4"	13-3/8" / 8-5/8"	54.5 / 24	1,376' GL	HLC / H	750	2%CaCl2/0.25fc
Production	12.25/7-7/8"	9-5/8" / 5-1/2"	36 / 15.5	4,998' GL	HLC /	825	12.5#gilsonite /
					50-50 POZ	200	0.25-0.5# flocl.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input checked="" type="checkbox"/> Plug Back TD			2	
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4,740' - 4,762' GL (New "G" Sand Perforations)	8/16/02: Set CIBP@ 4,805' GL. Dumped 2	
4	4,828'-4,860' GL (Original Keyes Sand Perfs)	sacks of cement on top of CIBP. Storage	
		well was recompleted from the Keyes	
		reservoir to the "G" Sand reservoir.	
TUBING RECORD Size <u>2-3/8"</u> Set At <u>4,762'GL</u> Packer At <u>N/A</u>		Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of First, Resumed Production, SWD or Enhr. <u>Resumed I/W: 8/28/02</u>		Producing Method Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)